

Sat Feb 27 21:07:52 GMT 2010



Advisory in effect

Tsunami message from WCATWC

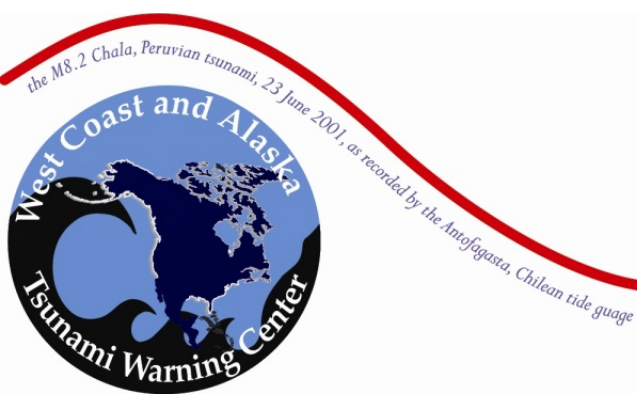
To: U.S. West Coast, Alaska, and British Columbia coastal regions

From: NOAA/NWS/West Coast and Alaska Tsunami Warning Center

Subject: Tsunami Advisory #15 issued 02/27/2010 at 1:05PM PST

A Tsunami Advisory is in effect which includes the coastal areas of California, Oregon, Washington, British Columbia and Alaska from the California-Mexico border to Attu, Alaska.

A **Tsunami Advisory** means that a tsunami capable of producing strong currents or waves dangerous to persons in or very near the water is imminent or expected. Significant, widespread inundation is not expected for areas under an advisory. Currents may be hazardous to swimmers, boats, and coastal structures and may continue for several hours after the initial wave arrival.





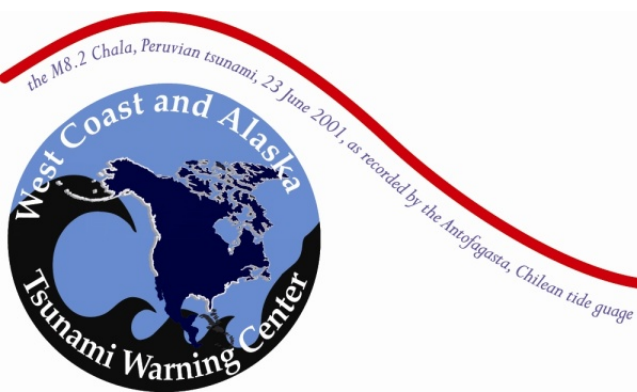
At 10:34 PM Pacific Standard Time on February 26, an earthquake with preliminary magnitude 8.8 occurred near the coast of central Chile. (Refer to the United States Geological Survey for official earthquake parameters.) This earthquake **has** generated a tsunami which could cause damage to coastal regions in a warning or advisory. Estimated tsunami arrival times and maps along with safety rules and other information can be found on the WCATWC web site.

A tsunami has been observed at the following sites:

Location	Lat.	Lon.	Time	Amplitude
-----	-----	-----	-----	-----
Santa Monica CA	34.0N	118.5W	2024UTC	0.64M/2.1ft
Rikitea Fr. Polynesia	23.1S	135.0W	1737UTC	0.28M/0.9ft
San Felix Chile	26.3S	80.1W	0841UTC	0.59M/2.0ft
Santa Cruz Galapagos E	0.5S	90.2W	1240UTC	1.08M/3.5ft
Waitangi Chatham Islan	43.9S	176.6W	1932UTC	0.55M/1.8ft
Raoul Is. Fishing Dock	29.3S	177.9W	1937UTC	0.26M/0.9ft
Pago Pago Amer. Samoa	14.3S	170.7W	2030UTC	0.43M/1.4ft
Owenga Chatham NZ	44.0S	176.4W	2003UTC	0.75M/2.5ft
Baltra Ecuador	0.4S	90.3W	1430UTC	0.45M/1.5ft
Quepo Costa Rica	9.4N	84.2W	1417UTC	0.27M/0.9ft

Tsunami Forecasts at selected points - more on web site

La Jolla, CA	0.8M/2.6 FT	Los Angeles, CA	0.8M/2.6 FT
Malibu, CA	1.0M/3.3 FT	Pismo Beach, CA	1.4M/4.6 FT
Half Moon Bay, CA	1.0M/3.3 FT	San Diego, CA	0.4M/1.3 FT
Humboldt Bay, CA	0.4M/1.3FT	Crescent City, CA	0.6M/2.0 FT
Santa Monica, CA	1.2M/3.9 FT	Moclips, WA	0.4M/1.3 FT



Santa Barbara, CA 0.8M/2.6 FT Laguna Beach, CA 0.9M/2.9 FT
Seward, AK 0.4M/1.3 FT Kodiak, AK 0.7M/2.3 FT
Forecasts indicate the expected height above normal sea level.
Tsunamis are expected to peak two to four hours after arrival.

Time - Time of measurement.

Amp. - Tsunami amplitudes are measured relative to normal sea level. It is **NOT** crest-to-trough wave height. Values are given in both meters (M) and feet (FT).

Tsunamis can be dangerous waves that are not survivable. Wave heights are amplified by irregular shoreline and are difficult to forecast. Tsunamis often appear as a strong surge and may be preceded by a receding water level. Mariners in water deeper than 600 feet should not be affected by a tsunami. Wave heights will increase rapidly as water shallows. Tsunamis are a series of ocean waves which can be dangerous for several hours after the initial wave arrival. DO NOT return to evacuated areas until an all clear is given by local civil authorities.

The Pacific Tsunami Warning Center in Ewa Beach, Hawaii will issue messages for Hawaii and other areas of the Pacific outside the states and provinces listed above.

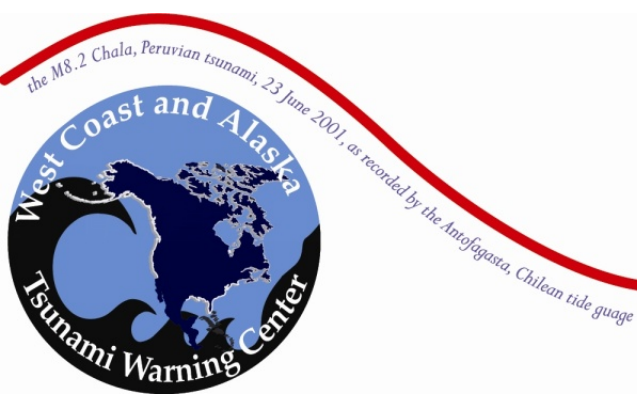
This message will be updated in 60 minutes or sooner if the situation warrants. The tsunami message will remain in effect until further notice. For further information stay tuned to NOAA Weather Radio, your local TV or radio stations, or see the WCATWC web site.

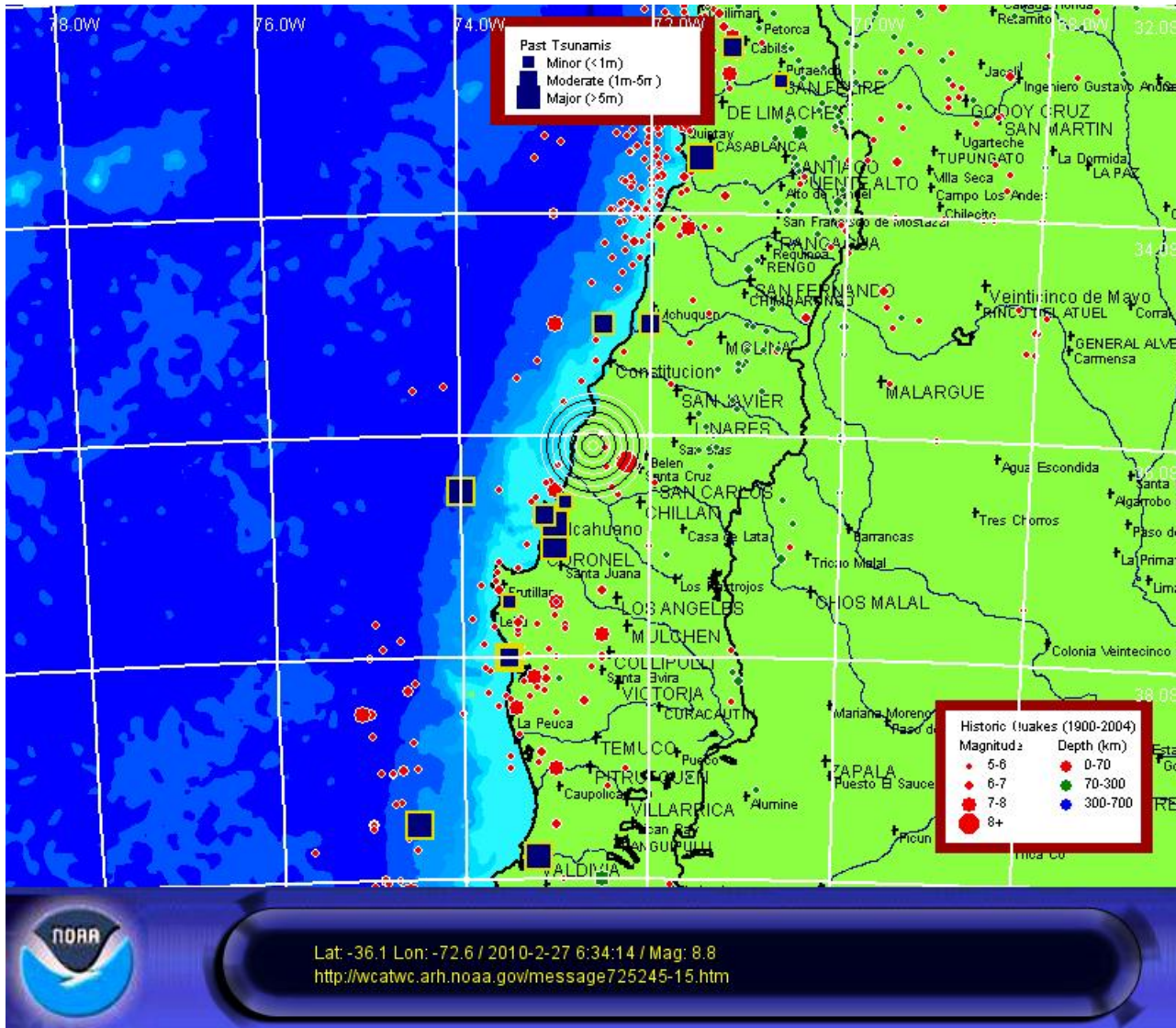
[Link to Standard Warning Message](#)

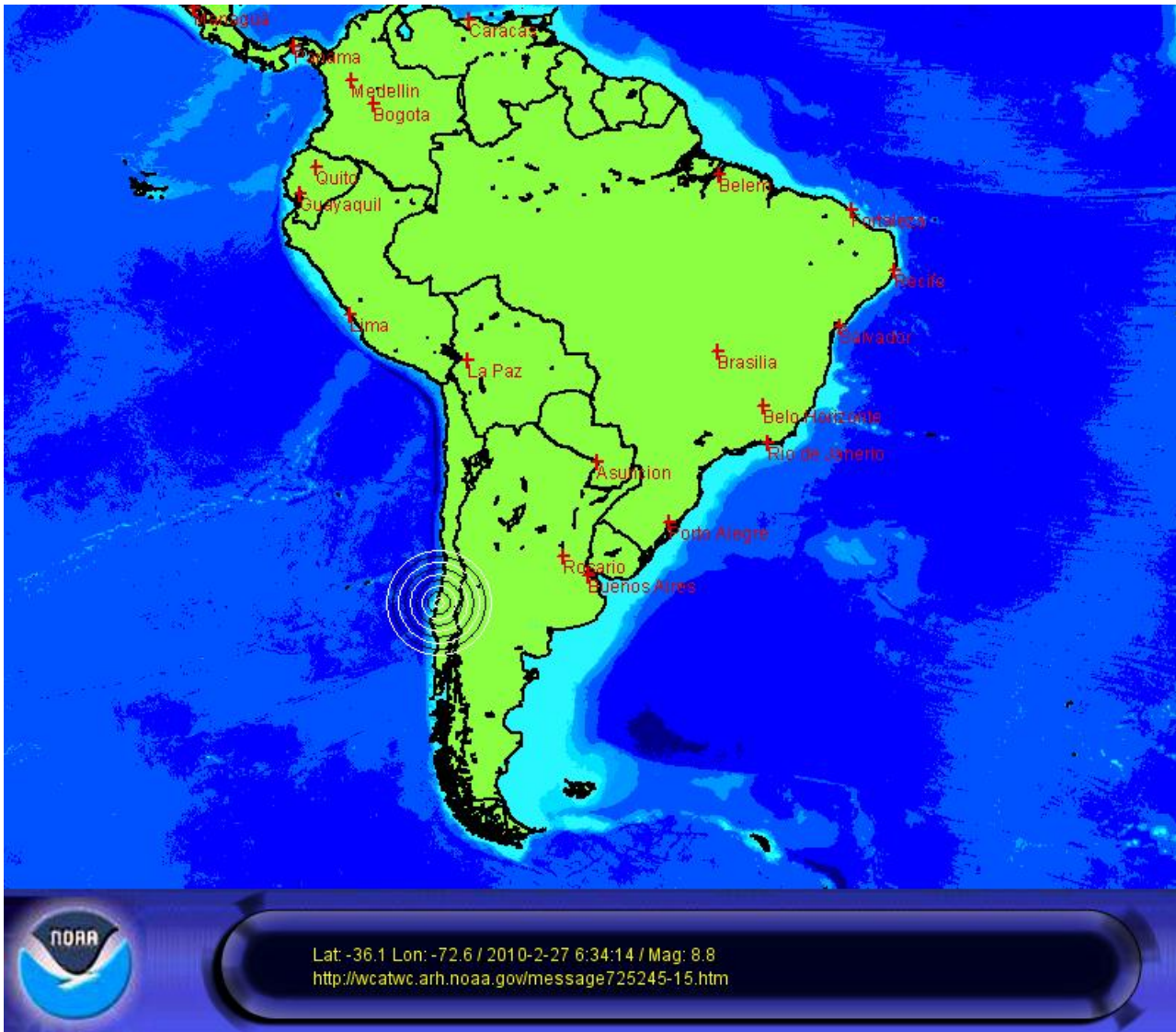
[Link to Public Warning Message](#)

[Link to XML/CAP Message](#)

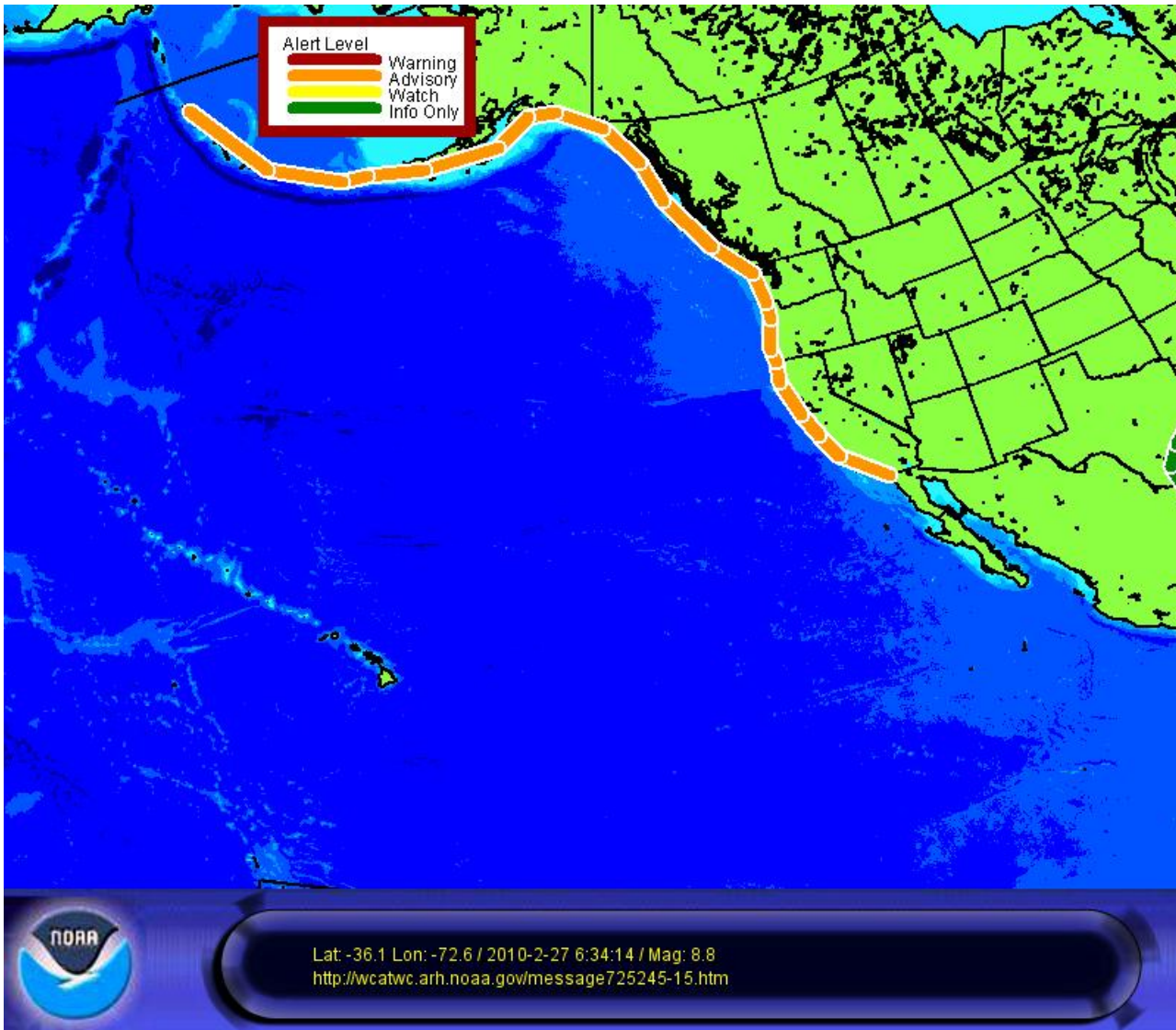
[Link to Printable Message](#)







West Coast and Alaska Tsunami Warning Center
 910 s Felton st. palmer, Alaska 99645
 +1.907.745.4212 wcawwc@noaa.gov tsunami.gov



West Coast and Alaska Tsunami Warning Center
 910 s Felton st. palmer, Alaska 99645
 +1.907.745.4212 wcatwc@noaa.gov tsunami.gov

